



# smARTE **BY** FLEX SOLUTIONS DIGITAL

SMARTE ASSET MANAGEMENT

## MINING

"REAL-TIME OPERATIONAL EXCELLENCE"

# FLEX SMARTER SOLUTIONS

## FLAWLESS EXECUTION THROUGH DIGITAL MASTERY

We will help you to maximise your organisation's Return on Operational Assets (RooA). This means that we enable you to operate your assets as effectively and efficiently as possible, while also ensuring they are healthy and safe. In this way, you reduce your operational costs and risks, becoming far more profitable as a result.

We can achieve this through one or more of our six "smARTE solutions" that have been built using a combination of our leading-edge, digital technologies and are focused around our "Real-Time Operational Excellence (RTE)" mantra.



$$\frac{\text{Operating Income}}{\text{Average Operating Assets}} = \text{RETURN ON OPERATING ASSETS} \uparrow$$



# SMARTER ASSETS

## MAXIMISE THE RETURN ON YOUR MINING ASSETS

Whether it is at the mine, refinery, processing plant, or head office, there are a large number of operational assets that keep a mining business operating effectively, efficiently, comfortably, and safely. Some of these assets are fixed, while others are moveable. Examples include:

- Plant equipment (air-conditioning, compressors, generators etc.)
- Mining equipment & tools
- Vehicles
- Refinery & processing equipment
- IT assets (laptops, PC's etc.)
- People (staff, visitors, contractors, commuters etc.)
- and much more...

These assets are usually large in number and can often be quite dispersed. Ensuring there is an up-to-date and accurate asset register is the first of a number of challenges that mining owners and managers face. Some other challenges that they typically experience daily are to:

- Quickly and accurately identify, verify, and count each asset, its location, age, maintenance history, etc.
- Track & trace moveable assets to minimise loss and theft and to ensure the health & safety of staff, contractors, and visitors while on site.
- Constantly monitor the health of critical assets to proactively prevent failure and loss of operation, therefore maximising uptime and reliability.
- Secure mission-critical assets against theft and cyber attacks to prevent failure and downtime, and to minimise potential danger to human lives.





# SMARTe ASSETS

## OUR SMARTe MINING SOLUTION



## THE OPERATIONAL BENEFITS:

- Reduce time to identify, verify, and count assets by more than **85%**
- Improve asset register accuracy to at least **99%**
- Increase asset movement control and accountability to more than **95%**
- **100%** real-time location of all critical, moveable assets, including staff and contractors
- **100%** Real-time monitoring of mission-critical assets to alarm on failure and therefore, improve asset uptime & reliability to more than **95%**





# SMARTER ASSETS

## THE POSITIVE FINANCIAL IMPACT:

- Reduce asset identification, verification & counting labour costs by up to **85%**
- Reduce labour time costs to locate assets by at least **45%**
- Reduced asset loss and theft costs by as much as **75%**
- Reduce asset downtime risks and costs by up to **82%**
- Reduce asset cyber security attacks and related costs by as much as **100%**

**ROI < 1 YEAR!**

**INCREASE ROOA  
BY 10% OR MORE**

**CONTACT US TO FIND OUT MORE!**



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